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Part Information:



Part Number:
164-2899-974

Description: Zero
Halogen 25 pair 28 awg
100 ohm
SKEWCLEAR®Plus

Family: Zero Halogen

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Outline Drawing



Introduction

Spectra-Strip Low Smoke / Halogen Free SKEWCLEAR®Plus is a low smoke, halogen free, highly flame retardant cable... ideal for use in closed environments where ventilation is poor, such as subways, elevators, and ships. It is designed to reduce the generation of toxic and corrosive gases that are emitted from typical PVC insulated cables during combustion. These gases can injure personnel enclosed within these confined spaces and can also corrode delicate components within electronic equipment. Many well-documented cases exist of extensive injury and death occurring as a result of fires involving these PVC generated toxic gasses, e.g., the London Subway fire, the Beverly Hills Supperclub fire, the Dusseldorf Airport fire, and the HMS Sheffield sinking.

Spectra-Strip has taken high bandwidth differential cable technology a step further with its introduction of "SKEWCLEAR® Plus" shielded parallel pairs, designed to improve electrical performance and reduce labor costs associated with stripping shielded twisted pairs. Applications such as LVDS demand that shielded cable pair strip lengths be kept to an absolute minimum in order to avoid crosstalk and reflections at the connector termination. By mass

fixturing all of the pairs in a laminate structure, much more accurate mass stripping of the pairs can be performed with standard flat cable strippers. In addition, the extra labor associated with hand fixturing the pairs for stripping is avoided.

Currently available up to 34 pairs, the patented SKEWCLEAR Plus cable uses a pre-programmed 2.5" laminate section, applied anywhere along the cable length to fixture the data pairs on a controlled pitch, typically .100". In the round cable format, SKEWCLEAR Plus has markings on the outer PVC jacket to indicate the presence of the laminate section.



Ordering Information

SKEWCLEAR®Plus is built to unique application requirements. See the PDF file for a typical 25 pair 100 ohm solution.



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[164-2899-974Rev-.pdf](#)